



AC92-A-35

Volume 1 GEOGRAPHIC AREA SERIES

Part 35

# Ohio

## **State and County Data**



U.S. Department of Commerce Economics and Statistics Administration BUREAU OF THE CENSUS JOBNAME: No Job Name PAGE: 1 SESS: 5 OUTPUT: Wed Dec 15 10:04:40 1993 /pssw01/disk2/economic/ac92a/0/02ack

### **Acknowledgments**

This report was prepared under the direction of the Agriculture Division. Many divisions contributed to the preparation: Economic Programming, Data Preparation, Administrative and Publications Services, Computer Services, Systems Support, Field, and Economic Census and Surveys.

Members of the Census Advisory Committee on Agriculture Statistics and representatives of both public and private organizations made significant recommendations which helped establish data content.

Members of various agencies of the U.S. Department of Agriculture provided valuable advice in the planning, publicizing, and processing phases of the census, and in helping farmers and ranchers complete the report forms.

The press, farm magazines, radio and television stations, and farm organizations were most helpful in publicizing the census and encouraging cooperation of farm and ranch operators.

Special tribute is paid to the millions of farm and ranch operators who furnished the information requested. Only through their cooperation was it possible to collect and publish the data in this report.

If you have any questions concerning the statistics in this report, call:
301-763-8555 Division Chief
800-523-3215 General Information
301-763-8567 Crops Branch
301-763-8569 Livestock Branch
301-763-8514 Farm Economics Branch
301-763-8571 Statistical Methodology





AC92-A-35

# Volume 1 GEOGRAPHIC AREA SERIES

Part 35

# Ohio

State and County Data +





U.S. Department of Commerce Ronald H. Brown, Secretary

Economics and Statistics Administration Paul A. London, Acting Under Secretary for Economic Affairs

> BUREAU OF THE CENSUS Harry A. Scarr, Acting Director



Economics and Statistics
Administration
Paul A. London, Acting Under
Secretary for Economic Affairs



BUREAU OF THE CENSUS Harry A. Scarr, Acting Director

 Charles A. Waite, Associate Director for Economic Programs
 Thomas L. Mesenbourg, Assistant Director for Economic Programs

ECONOMIC CENSUS AND SURVEYS DIVISION Thomas L. Mesenbourg, Acting Chief AGRICULTURE DIVISION Charles P. Pautler, Jr., Acting Chief

## **Contents**

		Page
B.	duction	2
FIGU	JRES	
1. 2. 3. 4. 5. 6. 7.	Profile of the State's Agriculture: 1992 Percent of Farms and of Market Value of Agricultural Products Sold: 1992 Farms by Market Value of Agricultural Products Sold: 1964 to 1992 Land Use: 1992 Selected Crops Harvested: 1992 Value of Livestock and Poultry Sold: 1992 Production Expenses: 1992	5 6 7
TAB	BLES	
СНА	PTER 1. State Data	
1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16.	Historical Highlights: 1992 and Earlier Census Years  Market Value of Agricultural Products Sold and Direct Sales: 1992, 1987, and 1982  Farm Production Expenses: 1992, 1987, and 1982  Net Cash Return From Agricultural Sales: 1992 and 1987  Government Payments and Other Farm-Related Income: 1992 and 1987  Commodity Credit Corporation Loans: 1992 and 1987  Land Use and Acres Diverted: 1992, 1987, and 1982  Land in Farms, Harvested Cropland, and Irrigated Land, by Size of Farm: 1992 and 1987  Irrigation: 1992, 1987, and 1982  Selected Characteristics of Irrigated and Nonirrigated Farms: 1992 and 1987  Value of Land and Buildings: 1992, 1987, and 1982  Value of Machinery and Equipment on Place: 1992 and 1987  Selected Machinery and Equipment on Place: 1992 and 1987  Petroleum Products Expenses: 1992, 1987, and 1982  Agricultural Chemicals Used, Including Fertilizer: 1992, 1987, and 1982  Tenure and Characteristics of Operator and Type of Organization for All Farms and Farms Operated by Black and Other Races: 1992, 1987, and 1982  Selected Characteristics of Farms by Specified Pacial Groups Sev of Operators	10 11 14 14 16 17 18 18 19 20 20 20 21 21
17. 18. 19. 20. 21. 22.	Selected Characteristics of Farms by Specified Racial Groups, Sex of Operators, and Persons of Spanish Origin: 1992 and 1987 Selected Characteristics of Farms by Standard Industrial Classification: 1992 Selected Characteristics of Abnormal Farms: 1992 and 1987 Poultry—Inventory and Sales: 1992 and 1987 Hens and Pullets—Number Sold: 1992 and 1987 Poultry—Inventory and Sales by Farms With Chickens 3 Months Old or Older:	23 25 26 26 27
23. 24. 25. 26. 27. 28. 29. 30. 31.	Turkeys—Number Sold: 1992 Cattle and Calves—Inventory: 1992 and 1987 Cattle and Calves—Sales: 1992 and 1987 Cattle and Calves Herd Size by Inventory and Sales: 1992 Cow Herd Size by Inventory and Sales: 1992 Beef Cow Herd Size by Inventory and Sales: 1992 Milk Cow Herd Size by Inventory and Sales: 1992 Cattle and Calves—Number Sold Per Farm by Sales: 1992 Hogs and Pigs—Inventory: 1992 and 1987 Hogs and Pigs—Sales: 1992 and 1987	

		Page
33. 34. 35. 36. 37. 38. 39.	Hogs and Pigs — Litters Farrowed: 1992 and 1987	34 34 34
40. 41. 42. 43. 44.	Other Livestock and Livestock Products —Inventory and Sales: 1992 and 1987 Specified Crops Harvested —Yield Per Acre Irrigated and Nonirrigated: 1992 Specified Crops by Acres Harvested: 1992 and 1987 Specified Fruits and Nuts by Acres: 1992 and 1987 Nursery and Greenhouse Crops, Mushrooms, and Sod Grown for Sale by Value of	
45. 46. 47. 48. 49. 50. 51.	Sales: 1992 and 1987  Farms by Concentration of Market Value of Agricultural Products Sold: 1992  Summary by Tenure of Operator: 1992  Summary by Type of Organization: 1992  Summary by Age and Principal Occupation of Operator: 1992  Summary by Size of Farm: 1992  Summary by Market Value of Agricultural Products Sold: 1992  Summary by Standard Industrial Classification of Farm: 1992  Summary by Combined Government Payments and Market Value of Agricultural	54 64 84 104 124
СПУ	Products Sold: 1992	144
1.	PTER 2. County Data  County Summary Highlights: 1992	164
2.	Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1992 and 1987	176
3. 4.	Farm Production Expenses: 1992 and 1987  Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, Direct Sales, and Commodity Credit Corporation Loans: 1992 and 1987	
5. 6.	Hired Farm Labor — Workers and Payroll: 1992	228
7.	Harvested Cropland by Size of Farm and Acres Harvested: 1992 and 1987	264
8. 9. 10. 11.	Irrigation: 1992 and 1987	288 300
12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24.	Cattle and Calves — Inventory and Sales: 1992 and 1987 Hogs and Pigs — Inventory, Litters, and Sales: 1992 and 1987 Poultry—Inventory and Sales: 1992 and 1987 Sheep and Lambs — Inventory, Shorn, and Sales: 1992 and 1987 Horses and Ponies — Inventory and Sales: 1992 and 1987 Milk Goats — Inventory and Sales: 1992 and 1987 Angora Goats — Inventory and Sales: 1992 and 1987 Mink and Their Pelts — Inventory and Sales: 1992 and 1987 Colonies of Bees and Honey — Inventory and Sales: 1992 and 1987 Fish Sales: 1992 and 1987 Miscellaneous Poultry—Inventory and Sales: 1992 and 1987	330 390 405 433 445 457 463 464 465 465 466
25.	Miscellaneous Livestock and Animal Specialties —Inventory and Sales: 1992 and 1987	468
26. 27.	Grains—Corn, Sorghum, Wheat, and Other Small Grains: 1992 and 1987 Cotton, Tobacco, Soybeans, Dry Beans and Peas, Potatoes, Sugar Crops, and Peanuts: 1992 and 1987	469 476
28. 29. 30. 31. 32.	Peanuts: 1992 and 1987	487 500 502

		Page
33. 34. 35.	Nursery and Greenhouse Crops, Mushrooms, and Sod Grown for Sale: 1992 and 1987	517 518
37. 38. 39.	Operators by Selected Racial Groups: 1992 and 1987 Operators of Spanish Origin: 1992 and 1987 Farms With Grazing Permits: 1992 and 1987	519
APP	PENDIXES	
А. В.	General Explanation	A–1 B–1
C. D. E.	Reserve Programs	C-1 D-1
	K Indication Program	ex 1 cover

### Introduction

#### HISTORY

The 1992 Census of Agriculture is the 24th taken by the U.S. Department of Commerce, Bureau of the Census. The first agriculture census was taken in 1840 as part of the sixth decennial census of population. From 1840 to 1950, an agriculture census was taken as part of the decennial census. A separate mid-decade census of agriculture was conducted in 1925, 1935, and 1945. From 1954 to 1974, a census of agriculture was taken for the years ending in 4 and 9. In 1976, Congress authorized the census of agriculture to be taken for 1978 and 1982 to adjust the data reference year so that it coincided with the economic censuses covering manufacturing, mining, construction, retail trade, wholesale trade, service industries, and selected transportation activities. This adjustment in timing established the agriculture census on a 5-year cycle collecting data for years ending in 2 and 7.

#### **USES OF THE CENSUS**

The census of agriculture is the leading source of statistics about the Nation's agricultural production and the only source of consistent, comparable data at the county, State, and national levels. Census statistics are used by Congress in developing and changing farm programs and for determining the effects of these programs. Many national and State programs are designed or allocated on the basis of census data, such as funds for extension services, research, and soil conservation projects. Private industry uses census statistics to provide a more effective production and distribution system for the agricultural community.

#### **AUTHORITY AND AREA COVERED**

The census of agriculture is required by law under Title 13, United States Code, sections 142(a) and 191, which directs that a census be taken in 1979, 1983, and in every fifth year after 1983, covering the prior year. The 1992 census includes each State, Puerto Rico, Guam, and the Virgin Islands of the United States.

#### **FARM DEFINITION**

Since 1850, when minimum criteria defining a farm for census purposes first were established, the farm definition has been changed nine times. The current definition, first used for the 1974 census, is any place from which \$1,000 or more of agricultural products were produced and sold, or normally would have been sold, during the census year. The farm definition used for the outlying areas varies according to area. The report for each area includes a discussion of its farm definition.

#### **COMPARABILITY OF DATA**

Data on acreages and inventories for 1992 and 1987 are generally comparable. Dollar figures shown for expenses and agricultural product sales are expressed in current dollars and have not been adjusted for inflation or deflation. In general, data for censuses since 1974 are not fully comparable with data for 1969 and earlier censuses due to changes in the farm definition.

#### TABULAR PRESENTATION

**State data.** Tables 1 through 45 in chapter 1 show detailed State-level data usually accompanied by historical data for one or more past censuses. Tables 46 through 52 provide 1992 State data cross-tabulated by various farm classifications.

County data. Chapter 2 presents selected data items by county. Tables 1 through 17 include general data for all counties. The counties are listed in alphabetical order in the column headings. Tables 18 through 39 include only counties reporting the data item. Counties not having the item, or with a limited number of farms reporting the item, have data combined and presented as "all other counties."

#### **SPECIAL TABULATIONS**

Custom designed tabulations can be developed to individual user specifications on a programming cost reimbursable basis. Inquiries about special tabulations should be directed to the Chief, Agriculture Division, Bureau of the Census, Washington, DC 20233.

JOBNAME: No Job Name PAGE: 2 SESS: 10 OUTPUT: Wed Dec 15 10:04:45 1993 /pssw01/disk2/economic/ac92a/0/07txtint

#### **CENSUS DISCLOSURE RULES**

In keeping with the provisions of Title 13, United States Code, no data are published that would disclose the operations of an individual farm. However, the number of farms in a given size category or other classification is not considered a release of confidential information and is provided even though other information is withheld.

## INVENTORIES, PRODUCTION, AND SALES DATA

Inventories of livestock, poultry, and machinery and equipment are measured as of December 31 of the census year. Crop and livestock production, sales, and expense data are for the calendar year, except for a few crops (such as citrus) for which the production year overlaps the calendar year.

#### ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used throughout the tables:

- Represents zero.
- (D) Withheld to avoid disclosing data for individual farms.
- (H) Standard error or relative standard error of estimate is greater than or equal to 99.95 percent.
- (IC) Independent city.
- (L) Standard error or relative standard error of estimate is less than .05 percent.
- (NA) Not available.
- (S) Withheld because estimate did not meet publication standards on the basis of either the response rate or a consistency review.
- (X) Not applicable.
- (Z) Less than half of the unit shown.
- cwt Hundredweight.
- sq ft Square feet.

### A. Highlights of the State's Agriculture: 1992 and 1987

[Dollar figures are in current dollars with no adjustment for price changes. For meaning of abbreviations and symbols, see introductory text]

[Dollar figures are in current dollars with no adjustment for price changes. For meaning of ac		All farms		
Item	1992	1987	Percent change from 1987 to 1992	
Farmsnumb Land in farmsacr Average size of farmacre	es 14 247 969	79 277 14 997 381 189	-10.8 -5.0 6.3	
Estimated market value of land and buildings ¹:  Average per farm	rs 291 766 rs 1 456		28.3 21.4	
Estimated market value of all machinery and equipment 1:  Average per farmdollar	rs 48 982	39 979	22.5	
Farms by size: 1 to 9 acres 10 to 49 acres 50 to 179 acres 180 to 499 acres 500 to 999 acres 1,000 to 1,999 acres 2,000 acres or more	15 295 27 868 15 283 4 793 1 719	32 074 17 718 5 072	-9.8 -8.3 -13.1 -13.7 -5.5 15.8 44.2	
Harvested cropland farm	es 11 528 727 ns 62 535	11 920 433 70 577	-10.8 -3.3 -11.4	
Irrigated land farr	9 790 327 ns 1 755 29 479	9 297 596 1 562 32 472	5.3 12.4 –9.2	
Market value of agricultural products sold	3 914 040	3 434 064	14.0 27.8	
Crops, including nursery and greenhouse crops\$1,00 Livestock, poultry, and their products\$1,00	0 2 195 985 0 1 718 055		25.4 2.1	
Farms by value of sales: Less than \$2,500 \$2,500 to \$4,999 \$5,000 to \$9,999 \$10,000 to \$24,999 \$25,000 to \$49,999 \$25,000 to \$99,999 \$100,000 to \$249,999 \$250,000 to \$49,999 \$250,000 to \$49,999 \$250,000 to \$499,999	8 997 9 827 13 193 8 311 6 567 6 522	8 953 7 678 6 414	-19.3 -14.2 -15.7 -10.2 -7.2 -11.7 2.4 42.1	
Total farm production expenses <sup>1</sup> \$1,0 Average per farm dolla	00 3 119 014 rs 44 119	2 730 026 34 437	14.2 28.1	
Net cash return from agricultural sales for the farm unit (see text) 1 farm \$1,0 Average per farm	00 787 050	685 358	-10.8 14.8 28.8	
Operators by principal occupation: FarmingOther	34 604 36 107	39 569 39 708	-12.5 -9.1	
Operators by days worked off farm: Any	40 575 29 330	46 025 32 749	-11.8 -10.4	
Livestock and poultry: Cattle and calves inventory	s 29 874	35 123	-14.9	
numb	ns 16 885 er 272 920 ns 6 980	1 469 662 19 417 284 646 9 144 347 305	-7.3 -13.0 -4.1 -23.7 -14.9	
Cattle and calves sold	er_ 772 063 s_ 930 s_ 9 392 er_ 1957 945 s_ 9 640 s_ 9 640 s_ 3 936 095 s_ 4 329 er_ 186 4- 3 904 er_ 23 226 113 s_ 53 _ 552	11 421 2 059 174 11 752 3 810 492 5 491 239 519 5 980 21 244 883	-16.2 -14.2 -17.8 -4.9 -18.0 3.3 -21.2 -22.2 -34.7 9.3 1.3 181.7	
Selected crops harvested:  Corn for grain or seed	es 3 486 744	45 702 3 107 822 355 339 490	-18.3 12.2 31.5	
Corn for silage or green chopfarm	s 6 725 es 176 367 en 2 969 730	7 263 163 614	7.8 10.3 -7.8	
acr bush Oats for grain farr	es 1 089 529 els 54 020 364	838 496 42 452 489	-7.8 29.9 27.2 -40.4 -44.1	
Soybeans for beansarr	8s 7 901 758 8s 31 635 es 3 776 952	13 781 107 36 570 3 713 340	-42.7 -13.5 1.7	
	ns 33 080 es 1 200 789	37 730 1 271 206	9.4 -12.3 -5.5	
Vegetables harvested for sale (see text)farm acr	ry 2 949 243 5 _ 2 349 es 55 024	2 105	-8.9 11.6 -6.9	

<sup>&</sup>lt;sup>1</sup>Data are based on a sample of farms.

#### B. Highlights of the State's Agriculture: 1992 and 1987 (Metric Measurement)

[1 acre = 0.4047 hectare. For further metric conversions, see metric conversion table in appendix E. Dollar figures are in current dollars with no adjustment for price changes. For meaning of abbreviations and symbols, see introductory text]

	leviations and symbols, see introductory texts		All farms		
Item		1992	1987	Percent change from 1987 to 1992	
FarmsLand in farms		70 711	79 277 6 069 440	-10.8	
Average size of farm		5 766 153 82	77	-5.0 6.5	
Estimated market value of land and buildings <sup>1</sup> :  Average per farm	dollars dollars	291 766 1 456	227 341 1 199	28.3 21.4	
Estimated market value of all machinery and equipment 1: Average per farm	dollars	48 982	39 979	22.5	
Farms by size: .01 to 3.84 hectares 3.85 to 20.04 hectares 20.05 to 72.67 hectares 72.68 to 202.22 hectares 202.23 to 404.65 hectares 404.66 to 809.51 hectares 809.52 hectares or more		5 417 15 295 27 868 15 283 4 793 1 719 336	6 007 16 688 32 074 17 718 5 072 1 485 233	-9.8 -8.3 -13.1 -13.7 -5.5 15.8 44.2	
Total cropland		66 353	74 376	-10.8	
Harvested cropland	hectares farms hectares	4 665 676 62 535 3 962 145	4 824 199 70 577 3 762 737	−3.3 −11.4 5.3	
Irrigated land	farms hectares	1 755 11 930	1 562 13 141	12.4 -9.2	
Market value of agricultural products sold	\$1,000 dollars	3 914 040 55 353	3 434 064 43 317	14.0 27.8	
Crops, including nursery and greenhouse crops	\$1,000 \$1,000	2 195 985 1 718 055	1 750 783 1 683 281	25.4 2.1	
Farms by value of sales: Less than \$2,500 \$2,500 to \$4,999 \$5,000 to \$9,999 \$10,000 to \$24,999 \$25,000 to \$49,999 \$50,000 to \$49,999 \$100,000 to \$249,999 \$250,000 to \$49,999 \$250,000 to \$49,999 \$500,000 to \$49,999		13 930 8 997 9 827 13 193 8 311 6 779 6 567 2 212 895	17 263 10 489 11 664 14 689 8 953 7 678 6 414 1 557 570	-19.3 -14.2 -15.7 -10.2 -7.2 -11.7 2.4 42.1 57.0	
Total farm production expenses <sup>1</sup> Average per farm	\$1,000 dollars	3 119 014 44 119	2 730 026 34 437	14.2 28.1	
Net cash return from agricultural sales for the farm unit (see text)   Average per farm	\$1,000	70 695 787 050 11 133	79 276 685 358 8 645	-10.8 14.8 28.8	
Operators by principal occupation: Farming		34 604 36 107	39 569 39 708	-12.5 -9.1	
Operators by days worked off farm: Any		40 575	46 025	-11.8	
200 days or more		29 330	32 749	-10.4	
Cattle and calves inventory	number	29 874 1 362 489	35 123 1 469 662	-14.9 -7.3	
Beef cows	number	16 885 272 920 6 980 295 677	19 417 284 646 9 144 347 305	-13.0 -4.1 -23.7 -14.9	
Cattle and calves sold		27 852	33 250	-16.2	
Hogs and pigs inventory	number farms	772 063 9 392	899 517 11 421	–14.2 –17.8	
Hogs and pigs sold		1 957 945 9 640	2 059 174 11 752	-4.9 -18.0	
Sheep and lambs inventory	number farms	3 936 095 4 329	3 810 492 5 491	3.3 -21.2	
Chickens 3 months old or older inventory	number farms	186 444 3 904	239 519 5 980	–22.2 –34.7	
Broilers and other meat-type chickens sold	number	23 226 113 532 25 257 739	21 244 883 525 8 967 735	9.3 1.3 181.7	
Selected crops harvested:					
Corn for grain or seed	hectares metric tons	37 341 1 411 085 11 866 511	45 702 1 257 736 9 026 042	-18.3 12.2 31.5	
Corn for silage or green chop	hectares	6 725   71 376   2 694 094	7 263 66 215 2 442 077	-7.4 7.8	
Wheat for grain		2 694 094 24 054 440 932	26 086	10.3 -7.8	
Oato for expira	hectares metric tons	1 470 194	339 339 1 155 368	29.9 27.2	
Oats for grain	hectares	8 048 46 835	13 494 83 761	-40.4 -44.1	
Soybeans for beans	metric tons farms hectares metric tons	114 694 31 635 1 528 532 3 958 037	200 032 36 570 1 502 789 3 618 965	-42.7 -13.5 1.7 9.4	
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)		33 080 485 959	37 730 514 457	–12.3 –5.5	
Vegetables harvested for sale (see text)	metric tons	2 675 509 2 349 22 268	2 935 994 2 105 23 915	-8.9 11.6 -6.9	

<sup>&</sup>lt;sup>1</sup>Data are based on a sample of farms.